

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number  
**WO 2004/029302 A1**

(51) International Patent Classification<sup>7</sup>: **C12Q 1/70**

(21) International Application Number:  
PCT/NL2003/000661

(22) International Filing Date:  
26 September 2003 (26.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02078992.1 26 September 2002 (26.09.2002) EP

(71) Applicant (for all designated States except US): **STICHT-  
ING RESEARCHFONDS PATHOLOGIE** [NL/NL];  
Jekerstraat 19 2HG, NL-1078 LW Amsterdam (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **Meijer, Christopho-  
rus, Joannes, Lambertus, Maria** [NL/NL]; Driemaster-  
wal 41, NL-2317 GV Leiden (NL). **Snijders, Petrus, Jose-  
phus, Ferdinandus** [NL/NL]; Loethoelilaan 83, NL-1187  
VE Amstelveen (NL).

(74) Agent: **PRINS, A.W.; NIEUWE PARKLAAN 97,**  
NL-2587 BN DEN HAAG (NL).

(81) Designated States (*national*): AE, AG, AL, AM, AT (util-  
ity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (util-  
ity model), DE, DK (utility model), DK, DM, DZ, EC, EE  
(utility model), EE, EG, ES, FI (utility model), FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,  
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,  
SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR DETECTING AND TYPING OF CUTANEOUS HPV AND PRIMERS AND PROBES FOR USE THEREIN

(57) Abstract: The present invention relates to a method for detecting and typing of human papillomavirus (HPV). In particular, the invention relates to a method for detecting and typing cutaneous HPVs of supergroup B and to primers and probes for use in a method of the invention. An important advantage of the present invention is that a large number of HPV types can be detected in a single assay, that it is applicable to fixed and poorly preserved material and that the detection method and typing method can be coupled.

WO 2004/029302 A1